

**COMPOSITIONS AND METHODS FOR TREATING  
CANCER AND HYPERPROLIFERATIVE DISORDERS**

5                                    **ABSTRACT OF THE INVENTION**

   Compositions and methods effective for eliciting  
an immune response for inhibiting abnormal or undesirable cell  
proliferation, particularly endothelial cell proliferation and  
angiogenesis related to neovascularization and tumor growth  
10                                   are provided. The compositions comprise a naturally occurring  
or synthetic protein, peptide, or protein fragment containing all  
or an active portion of a growth factor in a pharmaceutically  
acceptable carrier. The preferred growth factors comprise basic  
fibroblast growth factor and vascular endothelial growth factor.  
15                                   The methods involve administering to a human or animal the  
compositions described herein in a dosage sufficient to elicit an  
immune response. The methods are useful for treating diseases  
and processes mediated by undesired and uncontrolled cell  
proliferation, such as cancer, particularly where uncontrolled  
20                                   cell proliferation is influenced by the presence of growth  
factors. Administration of the composition to a human or  
animal having metastasized tumors is useful for preventing the  
growth or expansion of such tumors.

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